

Subject **[Scdt] SCDT-FlexE Centre Weekly Tuesday Seminar-29.06.2021 at 7:30 PM**
From SCDT, IIT Kanpur <scdt@iitk.ac.in>
Sender <scdt-admin@lists.iitk.ac.in>
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Priority Normal

Zoom Meeting for joining the webinar:

<https://zoom.us/j/99863678964?pwd=ZVJvdFN5T1UyQjdZbmwS0htRUJOUT09>

Meeting ID: 998 6367 8964

Passcode: 064022

Dear Colleagues,

I would welcome you to attend the SCDT-FlexE Centre Weekly Tuesday Seminar by Mr. Siddharth Nair. He was one of the winners of the Innovation Challenge that the FlexE Centre organised earlier this year. This seminar may be a good opportunity to learn about some innovative ideas and explore possibility of working with his start up company. The details of the seminar (to be given in webinar format) are given below:

Title: "Xeuron - An Intelligent Neural Engineering Platform"

Date: 29th June, 2021 (Tuesday)

Time: 7:30 PM to 8:30 PM

Presentation will be on zoom. The link is given above.

The webinar abstract and a brief bio of the speaker are given below. Please join if you are in a position to do so.

With regards
S.K.I.

Abstract of talk by Mr. Siddharth Nair:

Xfinito is developing an intelligent platform, 'Xeuron', with multiple applications centred around neurotechnology. The platform's application includes medical, gaming, virtual reality, enterprise marketing, well-being, and research. Our initial focus is developing a Smart Footwear with applications to manage diseases like Parkinson's, Neuropathy etc. Additionally, the smart footwear powers a mobile Gait Lab coupled with computer vision algorithms for supporting rehabilitation and custom footwear manufacturing. The overall platform Xeuron comprises of various wearables utilizing flexible electronics and smart textiles along with AI algorithms and Edge Computing.

About the Speaker:

Siddharth dons a cap of researcher, technopreneur, and investor. Trained as a Biomedical Engineer, he is currently completing his doctorate from the Centre for Product Design and Manufacturing, IISc Bangalore. His research focuses on Innovations, Collaborations and Sustainability in Medical Devices. He has a diverse focus, especially around strategies and innovations.

With a passion for accessible health care, he founded Fyrsta Innovations in late 2012, where he was involved in the design and development of 'Relive - An Innovative platform for Tele rehabilitation'. He has recently started his latest venture Xfinito Biodesigns in May 2019, which works towards solving critical global health problems with affordable and accessible solutions. The initial focus to solve the management of neurodegenerative diseases, which affects millions of people worldwide.

He has a diverse research interest with a focus on health technologies, robotics and automobiles. He envisions solving various socio-economic problems by developing cost-effective and innovative solutions. Lately, he is also involved in the Campus Fund as a Student Investment Partner with the mandate to invest in student-led startups.

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